

FIG. 1

Master Server Computer

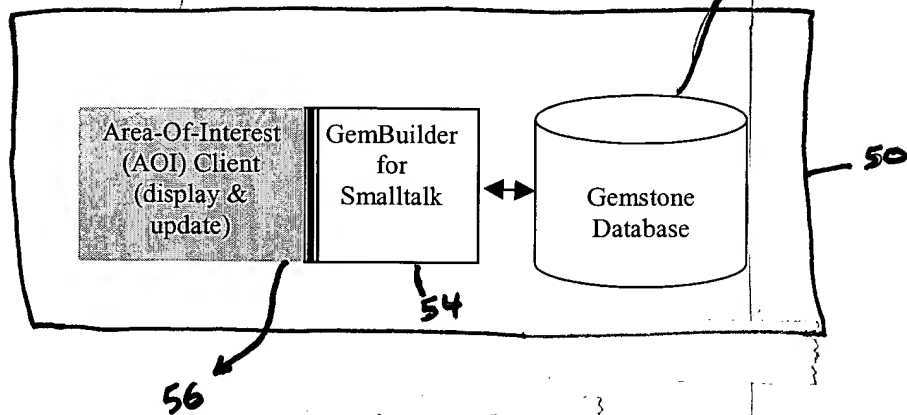


FIG 2

001630" E F 4 E 5 9 6 0

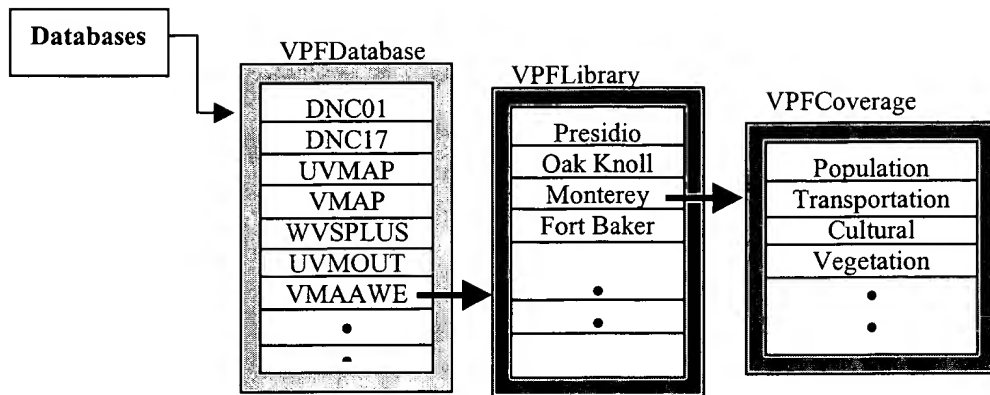


FIG. 3

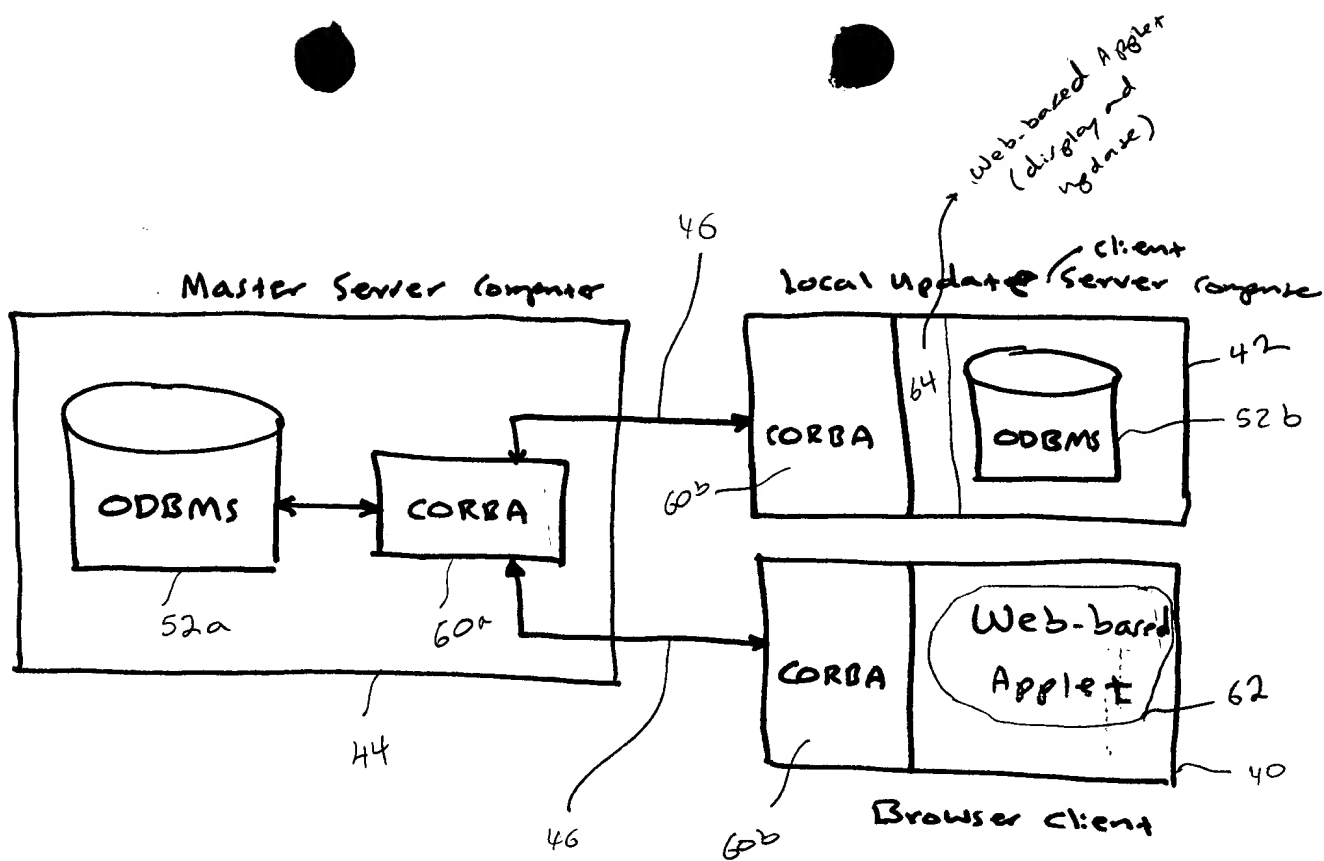


FIG 4A

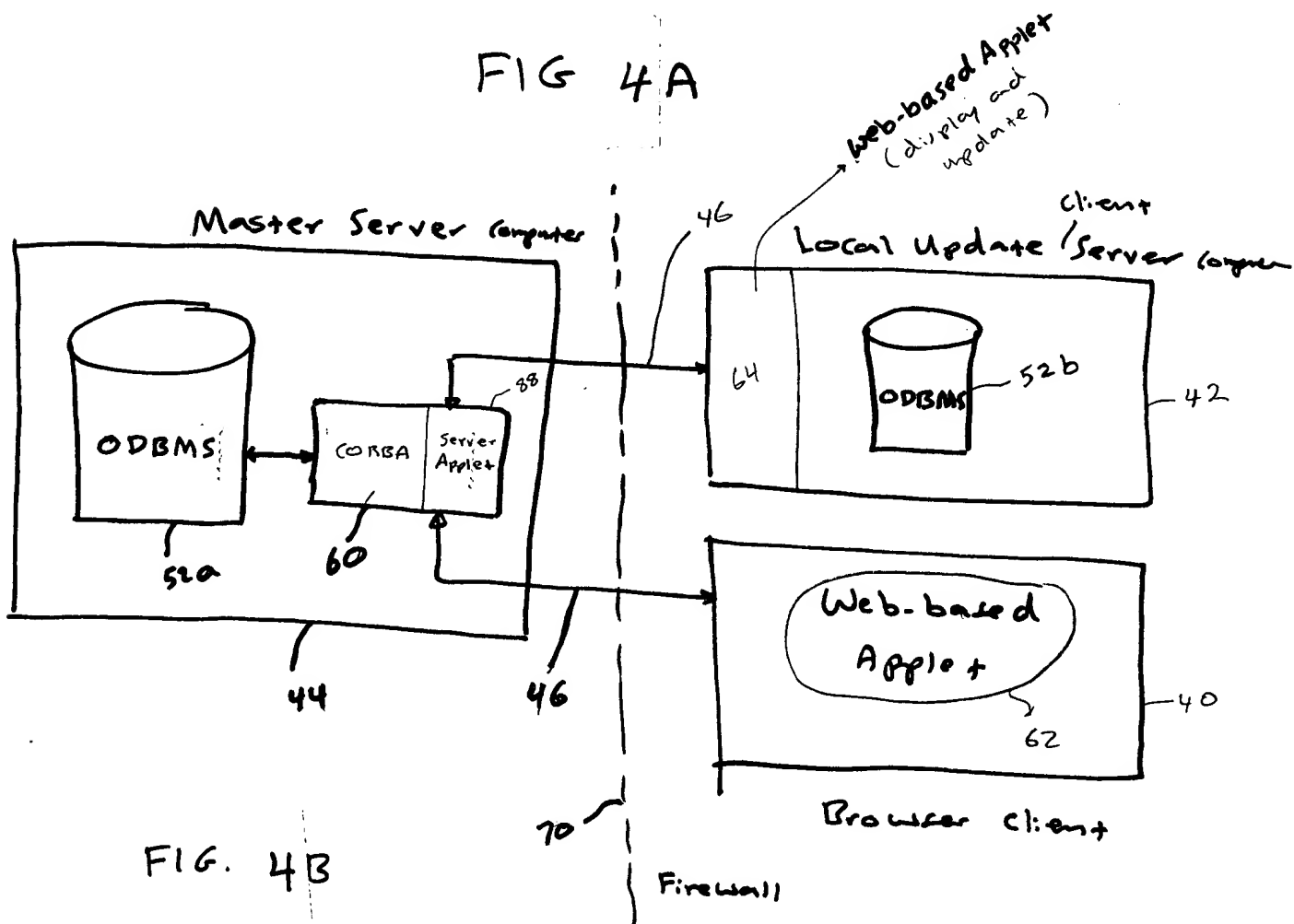
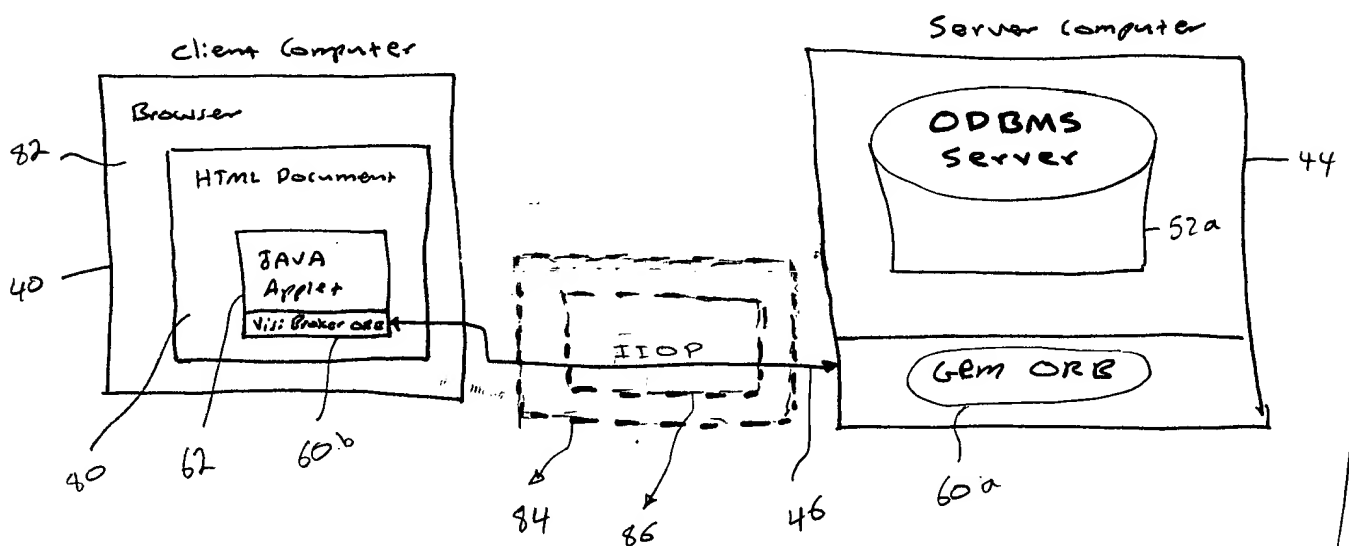
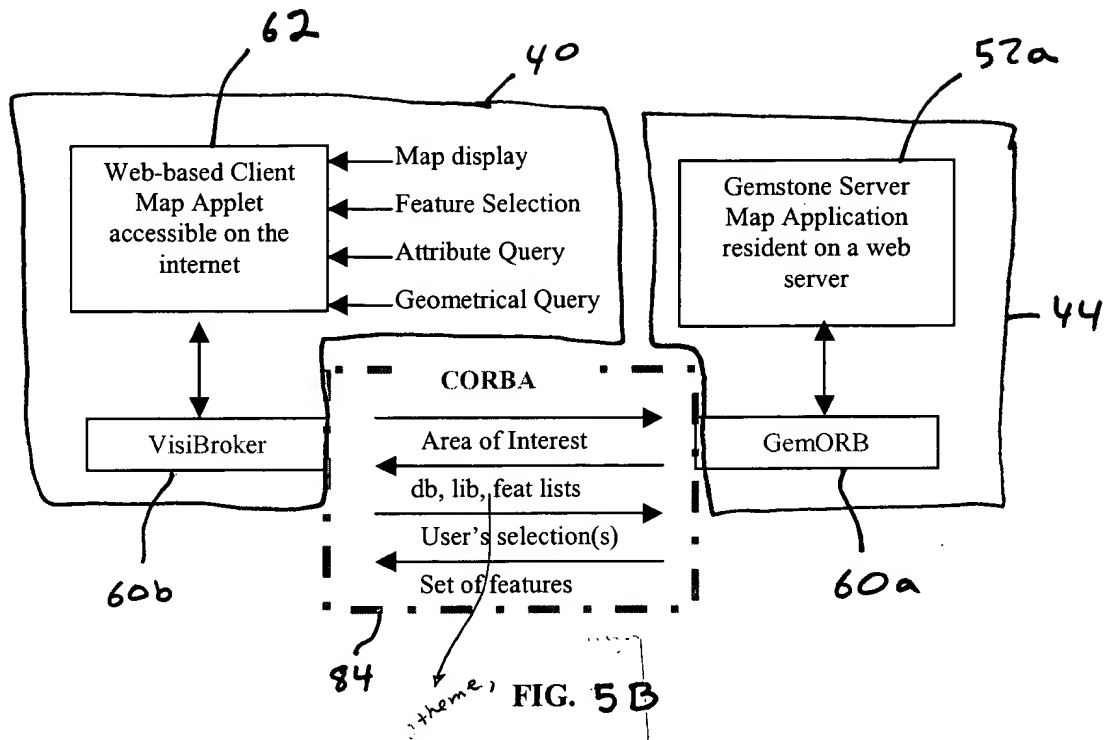


FIG. 4B

09553413-083100



095343-08100

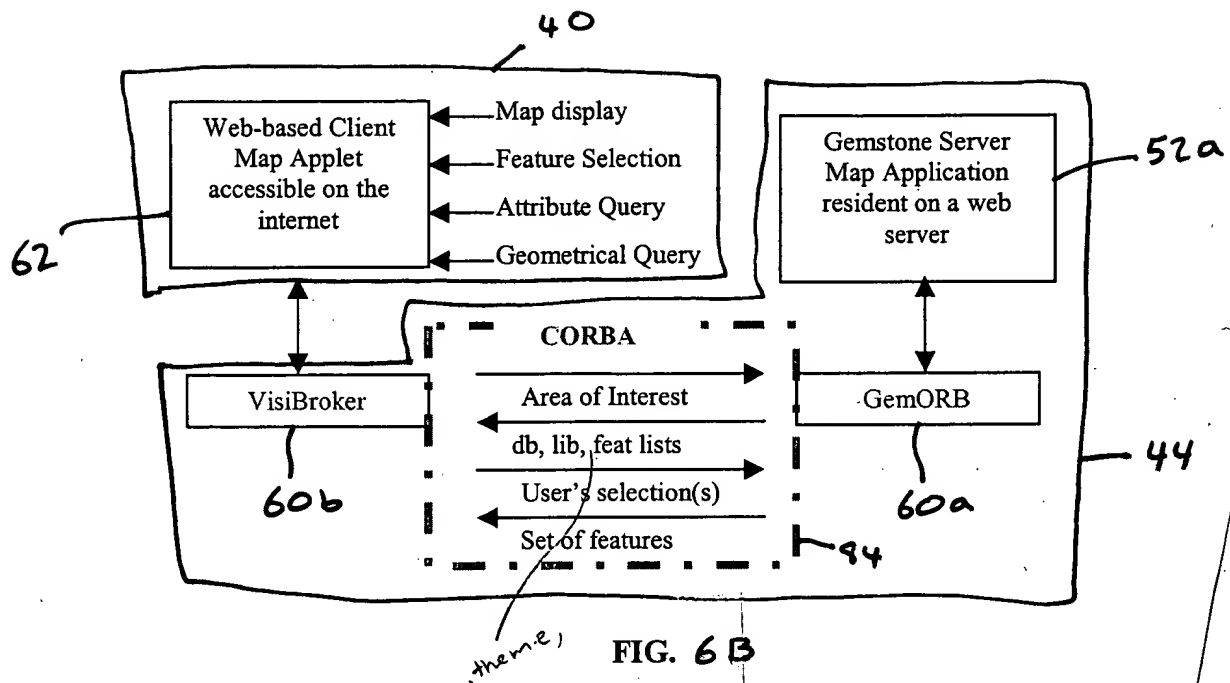


FIG. 6B

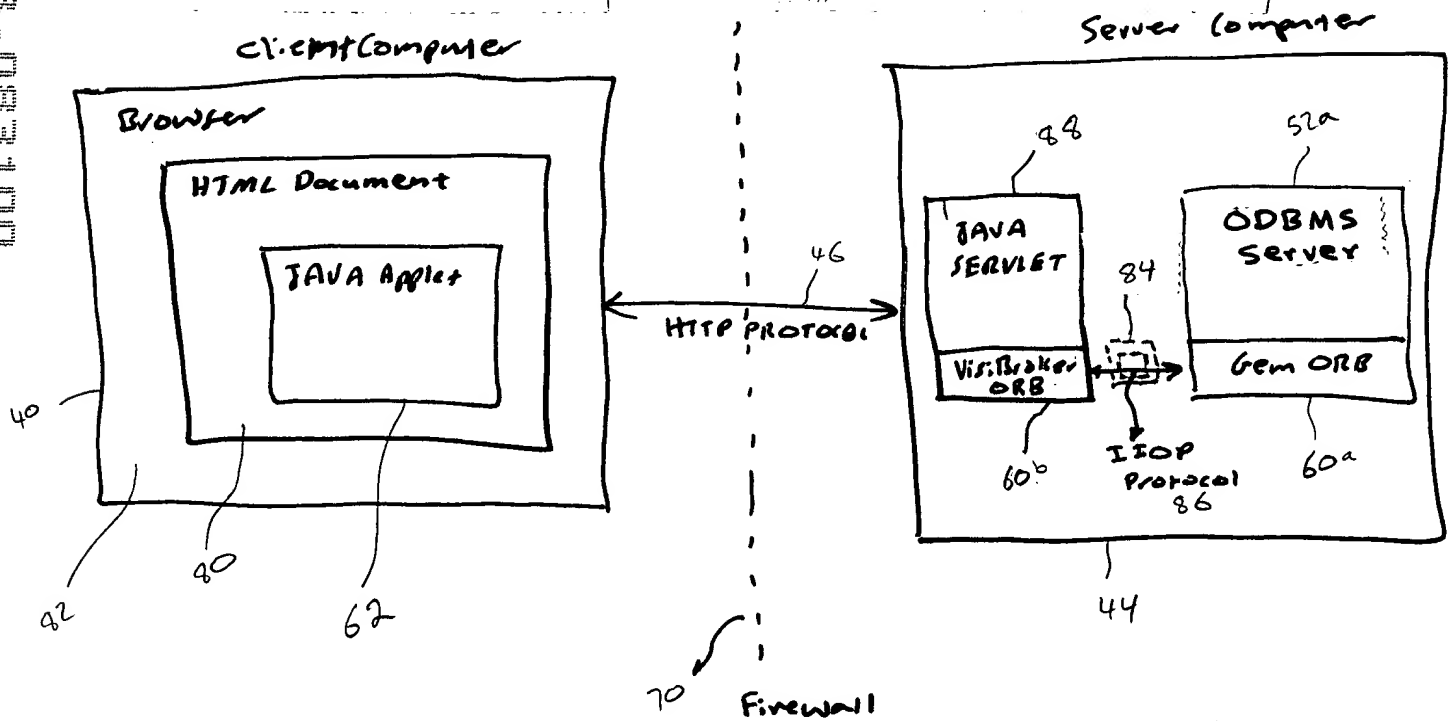


FIG. 6A

NRL Geospatial Information DataBase (GIDB) - Netscape

File Edit View Go Window Help

Center Lon:  Lat:  with a radius of:  lon/lat degrees

Camp LeJeune MOUT  
Camp Geiger  
Camp Johnson  
Mainside (Industrial)  
South Korea

Choose Features By: ☒ NIMA Product ☐ Product Scale

**Submit Coordinates**

Map is disabled...Choose a region from the list, or manually enter coordinates.

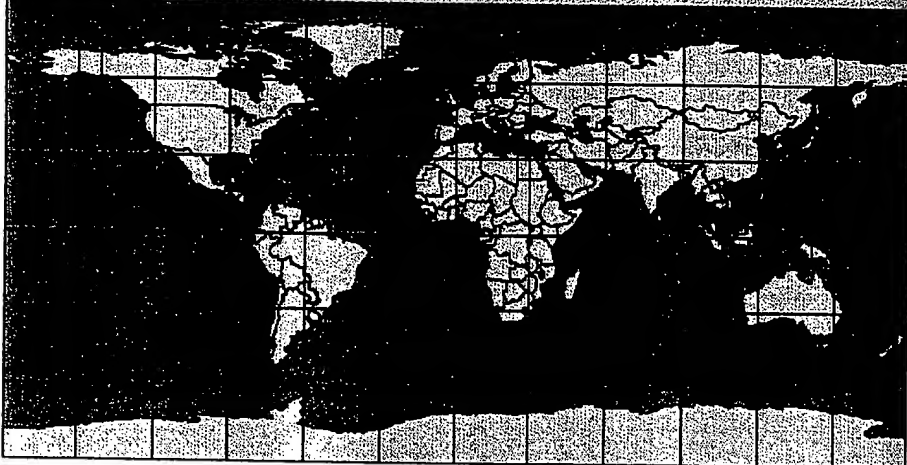
**FIG. 7**

09653413-033100

NRL Geospatial Information DataBase (GIDB) - Netscape

File Edit View Go Communications Help

Summary/Query/Print



Center Lat:  Lon:  with a radius of:  lon/lat degrees

Selected region coordinates are Lat: 0.0 Lon: 0.0 [Show Data Regions](#)

Continent	Country	Region	City
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Pre-Defined AOIs	NIMA Products
Region from DNC01	DNC01
Region from DNC11	DNC02
Region from DNC15 #1	DNC03
Region from DNC15 #2	DNC04
Region from DNC17	DNC05

Choose Features By:

☐ Product Scale

☒ NIMA Product

[Submit Coordinates](#)

FIG. 8



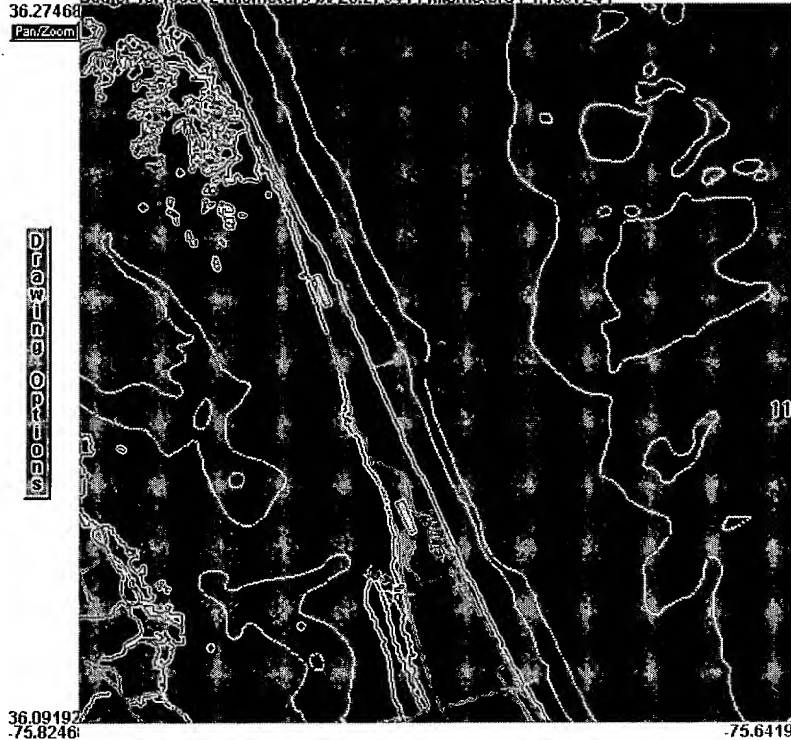


NRL Geospatial Information DataBase (GIDB)

[Online help](#) [Email us with questions or comments](#) [Problems?](#)

[Add Features](#) [Query](#) [Multimedia](#) [Zoom](#) [Preferences](#) [Net Query](#) [Download](#) [Exit/Applet](#) [Create Image](#)

Scale: 16.458672 kilometers by 20.279411 kilometers ( 1:109724 )



36.27466  
Pan/Zoom  
36.09192  
-75.82461  
-75.6419

Lat:  Lon:

Select a button to perform the given action.

Click in the list below to change a feature's color.

< black >: Island/Water (except inland)/Ground Surface Element[Earth Cover:A17082]  
< blue >: Foreshore[Earth Cover:A1708280:DNC17]A: scale = 80000 (0)  
< burgundy >: Island[Earth Cover:A1708280:DNC17]P: scale = 80000 (0)

FIG. 10

Parameter	Unit	Value	Standard Error	95% CI	P-value
Intercept		1.00	0.00	1.00	0.00
Age	Year	0.02	0.01	-0.01, 0.05	0.15
Gender					
Male		0.01	0.01	-0.01, 0.03	0.45
Female		-0.01	0.01	-0.03, 0.01	0.45
Education	Year	0.01	0.01	-0.01, 0.03	0.15
Income	Year	0.01	0.01	-0.01, 0.03	0.15
Health					
Good		0.01	0.01	-0.01, 0.03	0.45
Fair		-0.01	0.01	-0.03, 0.01	0.45
Poor		0.01	0.01	-0.01, 0.03	0.45
Occupation					
Manager		0.01	0.01	-0.01, 0.03	0.45
Professional		0.01	0.01	-0.01, 0.03	0.45
Service		0.01	0.01	-0.01, 0.03	0.45
Unemployed		0.01	0.01	-0.01, 0.03	0.45
Retired		0.01	0.01	-0.01, 0.03	0.45
Homemaker		0.01	0.01	-0.01, 0.03	0.45
Student		0.01	0.01	-0.01, 0.03	0.45
Military		0.01	0.01	-0.01, 0.03	0.45
Other		0.01	0.01	-0.01, 0.03	0.45
Marital Status					
Married		0.01	0.01	-0.01, 0.03	0.45
Single		0.01	0.01	-0.01, 0.03	0.45
Divorced		0.01	0.01	-0.01, 0.03	0.45
Widowed		0.01	0.01	-0.01, 0.03	0.45
Never Married		0.01	0.01	-0.01, 0.03	0.45
Religion					
Christian		0.01	0.01	-0.01, 0.03	0.45
Jewish		0.01	0.01	-0.01, 0.03	0.45
Muslim		0.01	0.01	-0.01, 0.03	0.45
Hindu		0.01	0.01	-0.01, 0.03	0.45
Buddhist		0.01	0.01	-0.01, 0.03	0.45
Other		0.01	0.01	-0.01, 0.03	0.45
Political Affiliation					
Democrat		0.01	0.01	-0.01, 0.03	0.45
Republican		0.01	0.01	-0.01, 0.03	0.45
Independent		0.01	0.01	-0.01, 0.03	0.45
Other		0.01	0.01	-0.01, 0.03	0.45
Region					
North		0.01	0.01	-0.01, 0.03	0.45
South		0.01	0.01	-0.01, 0.03	0.45
West		0.01	0.01	-0.01, 0.03	0.45
Midwest		0.01	0.01	-0.01, 0.03	0.45
Other		0.01	0.01	-0.01, 0.03	0.45
Time	Year	0.01	0.01	-0.01, 0.03	0.45
Time Squared	Year	0.01	0.01	-0.01, 0.03	0.45
Time Cubed	Year	0.01	0.01	-0.01, 0.03	0.45
Time Quart	Year	0.01	0.01	-0.01, 0.03	0.45
Time Quint	Year	0.01	0.01	-0.01, 0.03	0.45
Time Sext	Year	0.01	0.01	-0.01, 0.03	0.45
Time Sept	Year	0.01	0.01	-0.01, 0.03	0.45
Time Oct	Year	0.01	0.01	-0.01, 0.03	0.45
Time Penta	Year	0.01	0.01	-0.01, 0.03	0.45
Time Hexa	Year	0.01	0.01	-0.01, 0.03	0.45
Time Hepta	Year	0.01	0.01	-0.01, 0.03	0.45
Time Octa	Year	0.01	0.01	-0.01, 0.03	0.45
Time Nona	Year	0.01	0.01	-0.01, 0.03	0.45
Time Deca	Year	0.01	0.01	-0.01, 0.03	0.45
Time Undeca	Year	0.01	0.01	-0.01, 0.03	0.45
Time Duodec	Year	0.01	0.01	-0.01, 0.03	0.45
Time Tredec	Year	0.01	0.01	-0.01, 0.03	0.45
Time Quarta	Year	0.01			

201	Bottom Characteristics points[Hydrography.A17083]	
198	Bottom Characteristics points[Hydrography.A17083]	
200	Bottom Characteristics points[Hydrography.A17083]	

Secondary Material Characteristics -- Unknown  
Material Composition Category -- Unknown  
Material Composition Underlying -- Unknown  
Underlying Material -- Unknown  
FACC Code -- BF010: US-Bottom Characteristics UK-Quality of the  
Physical Surface Characteristics -- Soft  
Material Composition Secondary -- Unknown

Geometrical	Topological	Clear	Done
Up Selected	Up All	Delete Sel	Delete All

FIG. 11

**Select Time Range**

	Year:	Month:	Day:	Hour:
Start Time:	1980	January	01	00
	1981	February	02	01
	1982	March	03	02
	1983	April	04	03
	1984	May	05	04
	1985	June	06	05
End Time:	1995	January	01	00
	1996	February	02	01
	1997	March	03	02
	1998	April	04	03
	1999	May	05	04
	2000	June	06	05

Unsigned Java Applet Window

FIG. 12

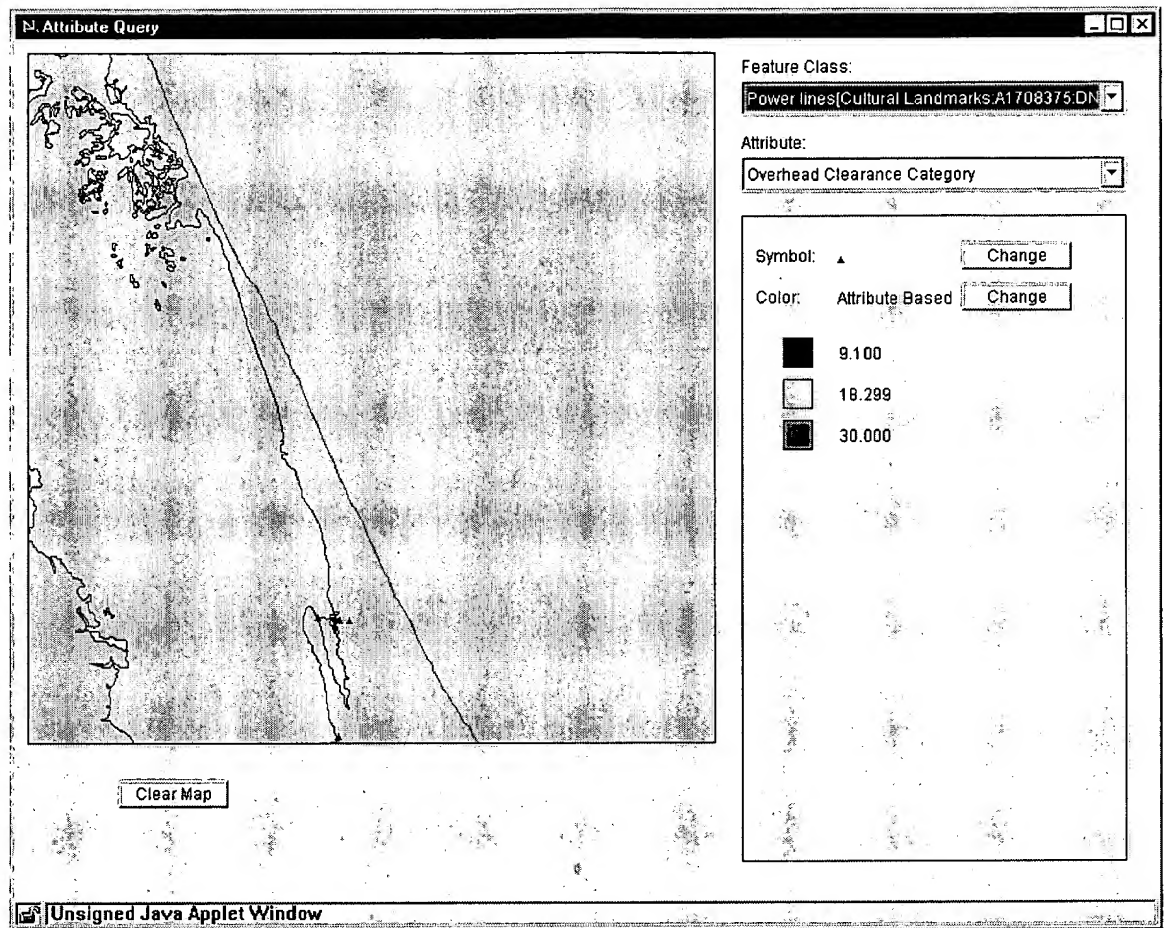


FIG. 13

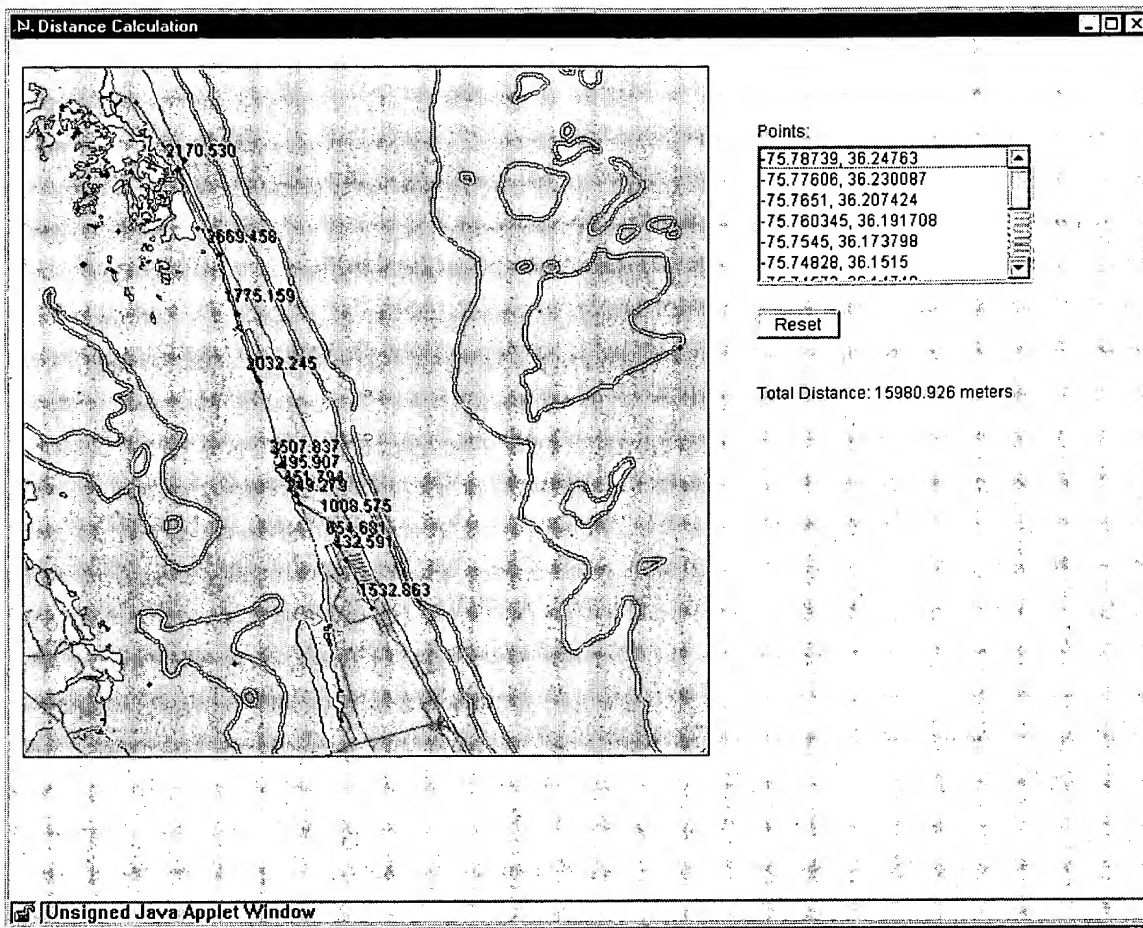


FIG. 14

```

GeoPoint gpPoint1 = (GeoPoint)vtrGeopoints.elementAt(i);
GeoPoint gpPoint2 = (GeoPoint)vtrGeopoints.elementAt(i+1);
double distance = gpPoint1.greatCircleDistance(gpPoint2) * 6000 * 0.3048; // returns nautical miles.
                                     multiply by 6000 for feet. multiply by 0.3048 to get meters.

```

```

public class GeoPoint{

```

```

    .
    .
    .
    .

    public double greatCircleDistance(GeoPoint point2) {
        double nauticalMiles = 0.0f;
        double step1;
        double degreesPerRadian = 180.0 / Math.PI;
        double nauticalMilesPerDegree = 60.0;
        double lat1 = latInRadians();
        double lon1 = lonInRadians();
        double lat2 = point2.latInRadians();
        double lon2 = point2.lonInRadians();

```

```

        // Calculate step 1 in radians
        step1 = Math.acos(Math.sin(lat1) * Math.sin(lat2) +
            Math.cos(lat1) * Math.cos(lat2) * Math.cos(lon1 - lon2));

```

```

        nauticalMiles = step1 * degreesPerRadian * nauticalMilesPerDegree;
        return nauticalMiles;
    }

```

```

}

```

```

    .
    .
    .
    .
}

```

FIG. 14A





005534.13-083100

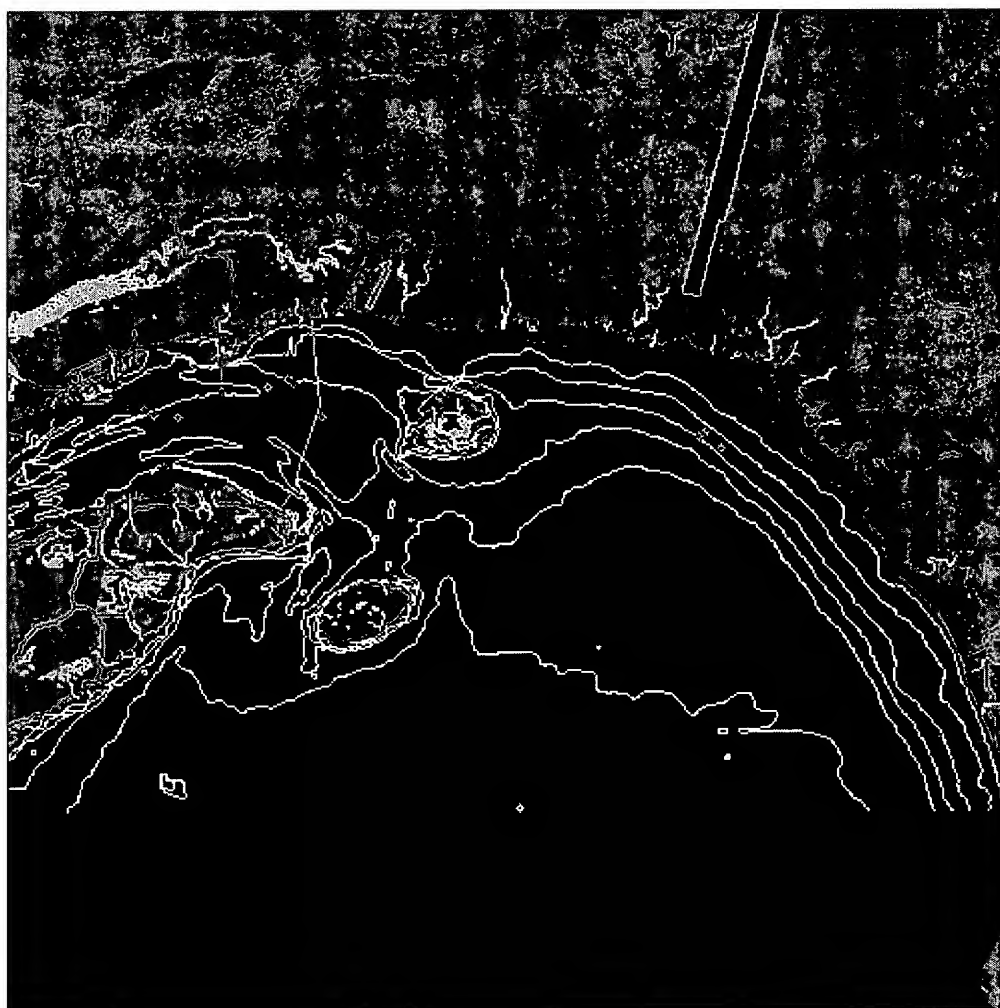
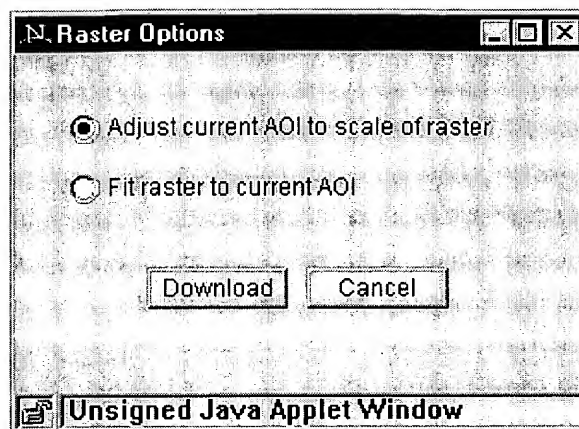


FIG. 16

007E80" E 74E5950

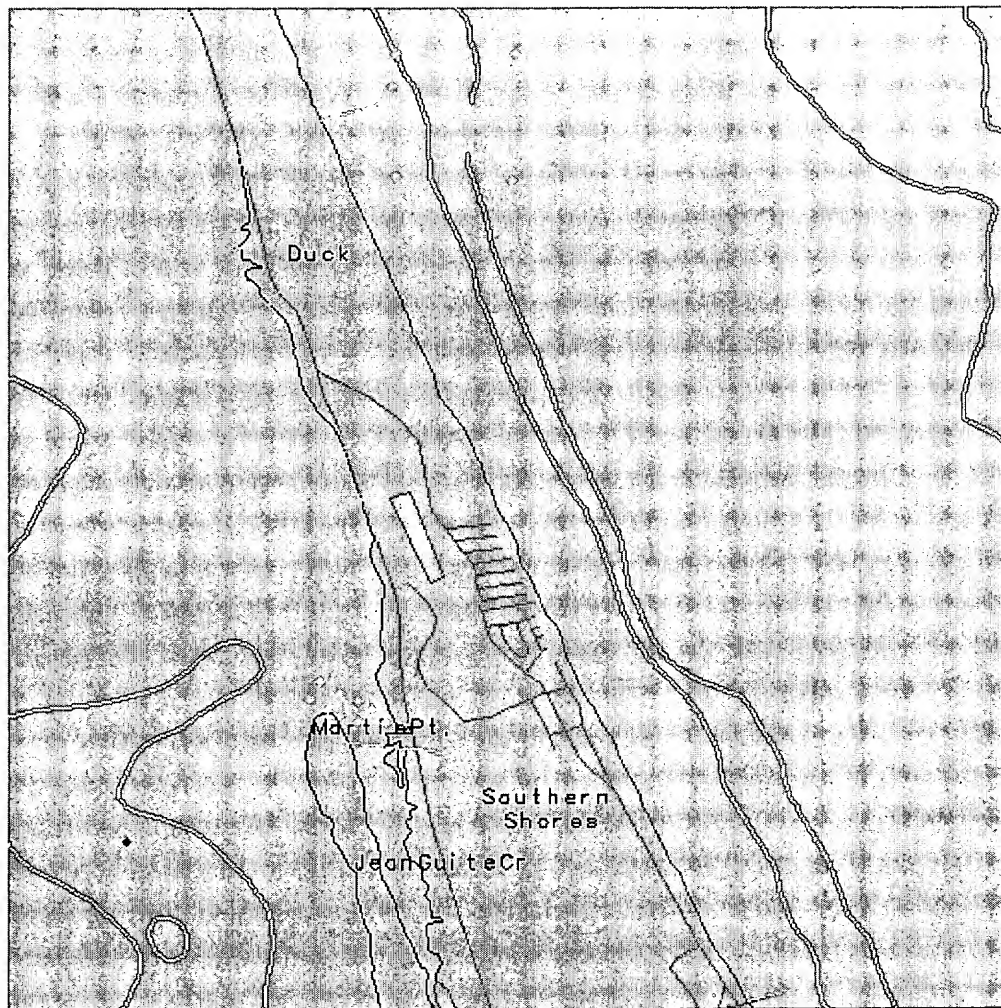


FIG. 17



**Drawing Options**

Draw Order:	Feature Class:	On/Off:	Type Option:	Color:
8	River lines[Inland Waterways:A1708375:DNC17]L: scale =	<input type="checkbox"/> Draw	1 Line Width	
9	Bridge lines[Obstructions:A1708375:DNC17]L: scale = 800	<input checked="" type="checkbox"/> Draw	1 Line Width	
10	Pier lines[Port Facilities:A1708375:DNC17]L: scale = 8000	<input checked="" type="checkbox"/> Draw	3 Line Width	
11	Structure lines[Port Facilities:A1708375:DNC17]L: scale =	<input type="checkbox"/> Draw	1 Line Width	
12	Island points[Earth Cover:A1708375:DNC17]P: scale = 800	<input checked="" type="checkbox"/> Draw		
13	Foreshore points[Earth Cover:A1708375:DNC17]P: scale =	<input type="checkbox"/> Draw		
14	Hazard points[Obstructions:A1708375:DNC17]P: scale = 8	<input checked="" type="checkbox"/> Draw		

Unsigned Java Applet Window

FIG. 18B

001630" 6746560

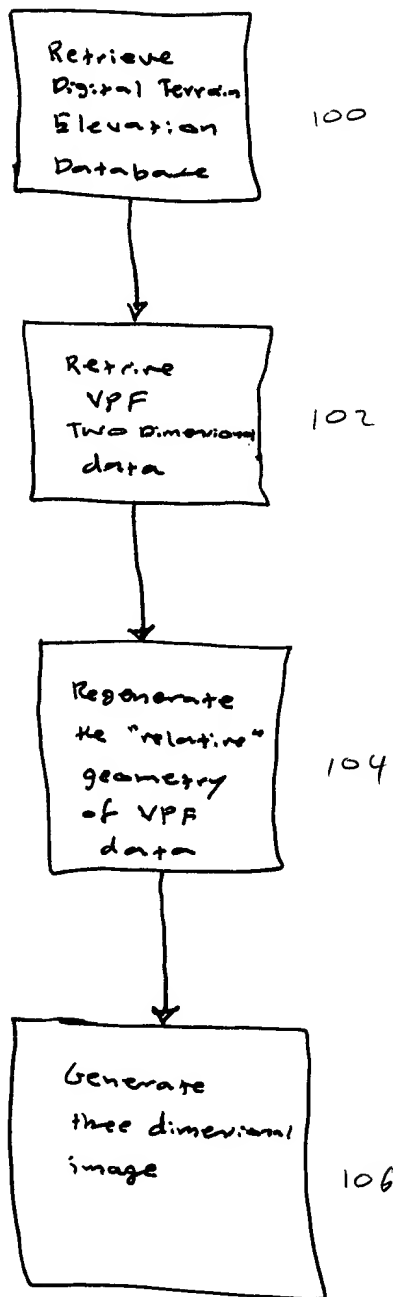


FIG. 19

```

VRMLObject
  VRMLAreaFeature
    VRMLBuilding
    VRMLHydroArea
    VRMLVegArea
  VRMLLineFeature
    VRMLBarrierLine
    VRMLHydroLine
    VRMLTransLine
    VRMLUtilityLine
  VRMLPointFeature
  
```

FIG. 20

```

Structure Shape of Roof
Flat
  ssr = 41
Pitched
  ssr = 42
  
```

FIG. 21

VPF	VRML
#bldpopa	#VRMLBuilding
#bldinda	#VRMLBuilding
#plazaa	#VRMLPlazaArea
#lakeresa	#VRMLHydroArea
#inshorel	#VRMLHydroLine
#watcrsl	#VRMLHydroLine
#roadl	#VRMLTransLine
#trackl	#VRMLTransLine
#barrierl	#VRMLBarrierLine
#polbndl	#VRMLBarrierLine
#telel	#VRMLUtilityLine
#obstrp	#VRMLPointFeature
#landmrkp	#VRMLPointFeature

FIG. 22

```

LOD {
  level [
    Inline {url "FireHydrant1.wrl"}
    Inline {url "FireHydrant2.wrl"}
    Group {children [ ]}
  ]
  range [ 100, 200 ]
  center 0 0 0
}

```

FIG. 23

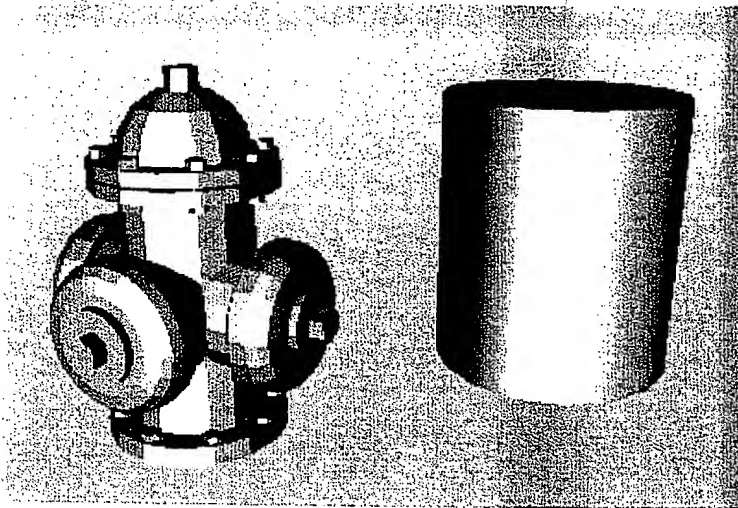


FIG. 24

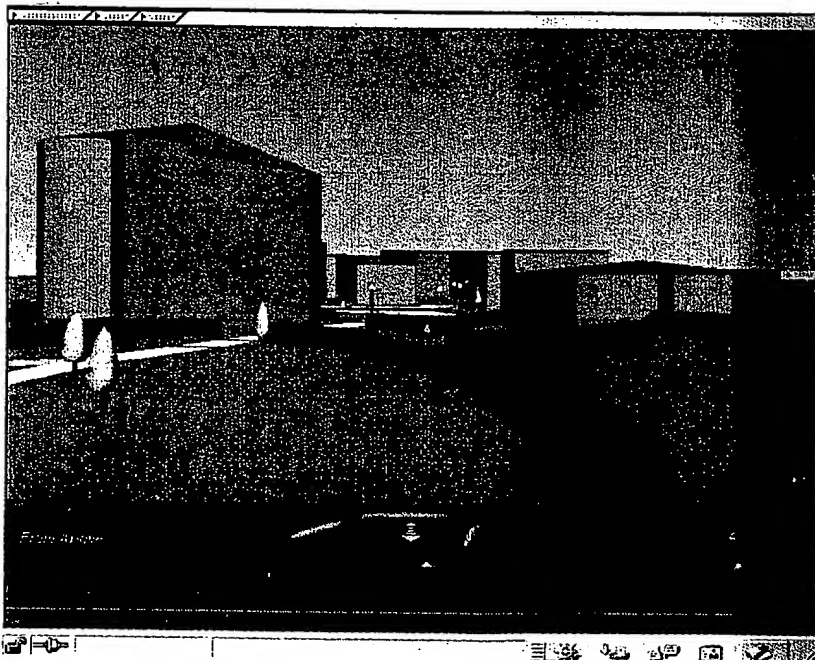
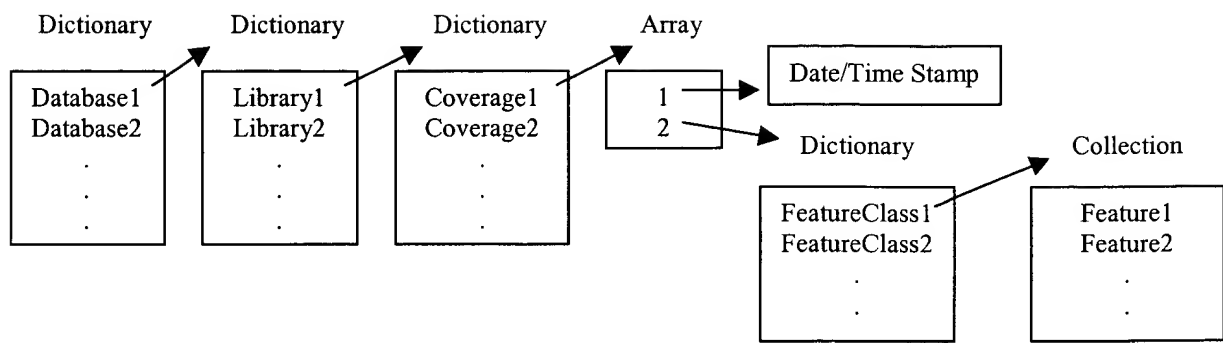


FIG. 25

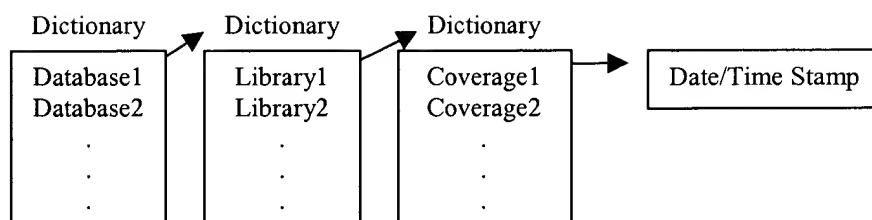






**FIG. 27**

001630" 67425360



**FIG. 28**

007430" 674E9960



007E80"ET4S960  
095343.083100

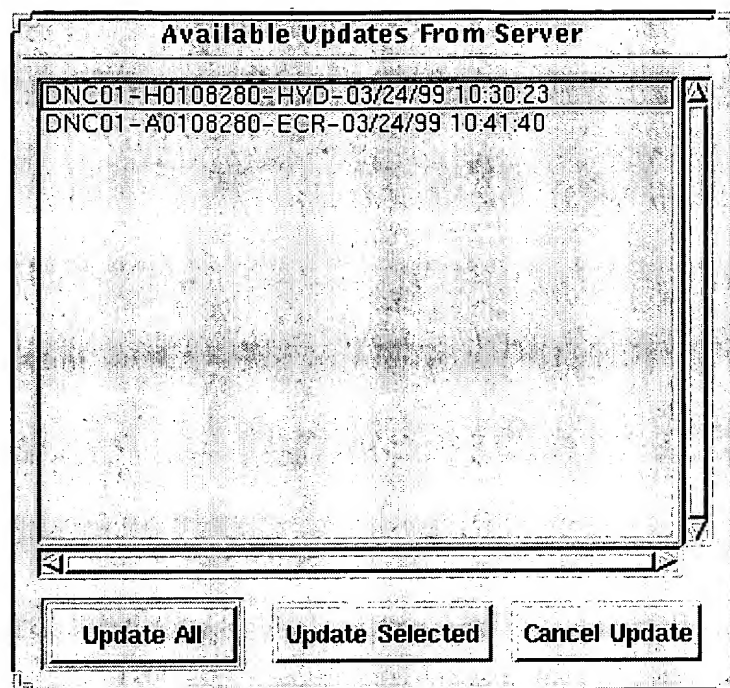


FIG. 30